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सं० 15] नई दिल्ली, शनिवार, अप्रैल 10, 1982 (चैत्र 20, 1904)
No. 15] NEW DELHI, SATURDAY, APRIL 10, 1982 (CHAITRA 20, 1904)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
(Notifications and Notices issued by the Patent Office relating to Patents and Designs)

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 10th April 1982

CORRIGENDAM

(1)

In the Gazette of India, Part III-Section 2 dated the 7th June, 1980 and page 290, the entry in respect of the application No. 210/Del/80 should read under the date "19th March, 1980" instead of "20th March, 1980".

(2)

In the Gazette of India, Part III Section 2 dated the 13-2-1982 under the heading "PATENTS SEALED" delete 146609.

APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE, 214 ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-700 017

4th March 1982

- 251/Cal/82. Vyziamny Ustav Bavlnarshky. Open-end Spinning machine.
- 252/Cal/82. Societe des Produits Nestle S.A. A process for the production of an acid beverage enriched in protein.
- 253/Cal/82. Ciba-Geigy Ag. Electrochemical process for the preparation of benzantrones and planar, polycyclic aromatic oxygen-containing compounds.

1-17GI/82

5th March 1982

- 254/Cal/82. Flogates Limited. Metal Pouring apparatus.
- 255/Cal/82. Atlantic Richfield Company. System including improved cathode for continuous deposition of amorphous material.
- 256/Cal/82. Airflite, Inc. Levitationarium for air floatation of humans.
- 257/Cal/82. Mitsui Toatsu Chemicals, Inc. Production of propylene block copolymer.
- 258/Cal/82. Gould Inc. A lead-acid battery element stack and method of making same.
- 259/Cal/82. Gould Inc. Lead-acid battery and method of Making same.

PATENT APPLICATION FILED AT PATENT OFFICE
BRANCH, MUNICIPAL MARKET BUILDING, THIRD
FLOOR, KAROL BAGH, NEW DELHI-110005

16th January, 1982

- 37/Del/82. Council of Scientific & Industrial Research, "An anti bumping devices for use in chemical unit operations involving boiling of liquids".
- 38/Del/82. Council of Scientific & Industrial Research, "An improved electrolytic process for the pretreatment of titanium base metal substrate for coating by electrodeposition, thermal or chemical operations.
- 39/Del/82. Council of Scientific & Industrial Research, "Process for the preparation of an active principle of a plant ferula jeschkena useful as abortifacient compound".

(179)

18th January, 1982

40/Del/82 Krishan Gopal Khosla 'Reciprocating compressor unit'

41/Del/82 Sir Padampat Research Centre, "A process for the removal of impurities from polymer cracked liquor"

19th January, 1982

42/Del/82 Riviana Foods, Inc "Method and apparatus for the removal of bran from rice and like cereal grains"

43/Del/82 Chemiefaser Ienzing Aktiengesellschaft, "Improvements in or relating to a filtering apparatus for separating solids and suspended particles from liquids"

44/Del/82 Council of Scientific & Industrial Research "An improved process for the catalytic alkylation of benzene to ethylbenzene" [Divisional date October 8, 1980]

20th January, 1982

45/Del/82 Valeo Clutch release bearing

46/Del/82 Valco, "Clutch release bearing"

21st January, 1982

47/Del/82 Uniroyal Inc "Substituted pyridine 1-oxide herbicides"

22nd January, 1982

48/Del/82 Samuel David Smith, "Attachment for a ladder"

23rd January, 1982

49/Del/82 Council of Scientific & Industrial Research, "An improved process for the preparation of magnesium chloride for use as an electrolyte in electrolytic production of magnesium metal"

50/Del/82 Council of Scientific & Industrial Research, "Improvements in or relating to the preparation of blue photoluminescent zinc sulphide silver phosphor"

51/Del/82 Council of Scientific & Industrial Research, "Process for in-situ preparation of indelible ink for making a permanent mark on a substrate"

25th January, 1982

52/Del/82 Ex Captain Gursaran Singh, "A new compressor and system for Air conditioning and refrigeration"

53/Del/82 Council of Scientific & Industrial Research, "An improved electrolytic cell for production of magnesium metal"

54/Del/82 FMC Corporation, "Control of hydrogen sulfide emission from geothermal steam plants with hydrogen peroxide and sodium vanadate"

55/Del/82 Svenska rotor maskiner aktiebolag, "Screw rotor machine and rotor profile therefor" (February 6, 1981)

56/Del/82 Morgan Construction Co, 'Pinch roll system for vertical laying heads'

57/Del/82 Societe De Conseils De Recherches Et D' Applications Scientifiques (SCRAS) formerly known as Societe Civile De Recherches Et D' Applications Scientifiques (S C R A S), "Preparation of new Indolo (2,3,4) quinolizidines" (November 25, 1977) and [Divisional date November 24, 1978]

27th January, 1982

58/Del/82 Imperial Chemical Industries "Coated coloured intagliated articles" (March 9, 1981 and September 9, 1981)

59/Del/82 El Paso Polyolefins Co, "Block copolymerization process and product"

28th January, 1982

60/Del/82 Krupp Koppers GmbH, 'Transport bucket suitable for transporting hot materials in bulk, especially for transporting coke'

61/Del/82 Krupp-Koppers GmbH, 'Cooler for the dry cooling of coke'

62/Del/82 Krupp Koppers GmbH, "Baffle type precipitator for dust laden gases"

63/Del/82 Gestetner Limited, "An access cover for a stencil duplicator (April 29, 1977) and [Divisional date April 3, 1978]"

64/Del/82 Societe Nationale Industrielle Aerospatiale, "Helicopter rotor with articulation means integrated in the root of the blade"

29th January 1982

65/Del/82 Tarun Sanon, "An improved knife honing machine"

66/Del/82 G D Societa Per Azioni, "A cigarette-making machine"

67/Del/82 South Wales Switchgear Ltd, "Electrical switchgear" (February 3, 1981)

68/Del/82 Burlington Industries, Inc, "Random droplet liquid jet apparatus and process"

69/Del/82 Tetra Pak International AB, 'Machine for manufacturing, filling and sealing packages'

70//Del/82 BS & B Safety Systems Inc, "Apparatus for supporting structure between bolted flanges"

71/Del/82 Braunschweigische Maschinenbauanstalt AG, 'Continuously operable sugar centrifugal'

30th January 1982

72/Del/82 El Paso Polyolefins Co, "Block copolymerization process and product" (April 14, 1981)

73/Del/82 White Consolidated Industries, Inc, "Soot Blower"

74/Del/82 Aur Hydropower Ltd, 'Water engine' (February 13, 1981)

75/Del/82 El Paso Polyolefins Co, "Novel propylene polymer" (February 17, 1981)

76/Del/82 The Chief Controller Research & Development, Ministry of Defence, "Digital Blast Data Recorder"

77/Del/82 Council of Scientific & Industrial Research, "An improved process for the preparation of chlorates electrolytically using titanium insoluble anodes"

78/Del/82 Council of Scientific & Industrial Research, "An improved process for the preparation of substituted aromatic diamines"

79/Del/82 Council of Scientific & Industrial Research, "An improved spinning pot used for twisting and winding synthetic textile yarns"

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES III FLOOR, LOWI RT PAREL (W) BOMBAY-13

15th February, 1982

40/Bom/82 Vishnu Shankar Deshpande Hood for two or three wheel vehicle

17th February, 1982

41/Bom/82 Vincet Hanthai Joglekar Wind impeller of the wind mill,

18th February, 1982

42/Bom/82. Raman Antolbhai Patel. An ice-cream maker or cooling attachment to domestic electric mixer grinder.

43/Bom/82. Mukund Suryarao Dharwadkar. A method of manufacturing electromagnetic cores for electromagnetic induction apparatus.

19th February, 1982

44/Bom/82. Vincet Hanihar Joglekar. Wind acceleration for the wind mill.

22nd February, 1982

45/Bom/82. Hindustan Antibiotics Ltd. The improvement in the process for purification of penicillin acylases.

24th February 1982

46/Bom/82. Shodhak Dattatray Karmalkar. Modified flash's process for extracting platinum and gold available deep down the earth.

25th February, 1982

47/Bom/82. Shantilal Keshavlal Sanghani. A device for an auxiliary driver for the conventional cycle.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-2

22nd February, 1982

44/Mas/82. U. V. Nayak. Improved protractor for a mathematical box.

27th February, 1982

45/Mas/82. F. Kumaran. Improvements in or relating to hydraulic motors.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filled along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classification given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

CLASS : 32F2b | 55H.

149762.

Int. Cl.-Co7d 49/00 A61k 23/00.

"A PROCESS FOR THE PREPARATION OF NEW BENZIMIDAZOLE CARBAMATES".

Applicant : CIBA-GEIGY OF INDIA LIMITED, OF AAREY ROAD, GOREGAON EAST BOMBAY-400 063, MAHARASHTRA, INDIA.

Inventors : SRINIVASACHARI RAJAPPA (2) VASUDEVAN SUDARSANM.

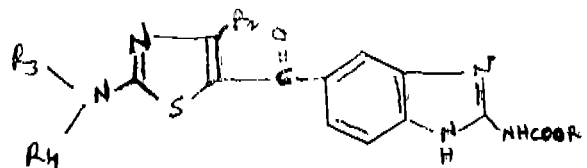
Application No. 180/BOM/1978 filed June 16, 1978.

Complete Specification left September 6, 1979.

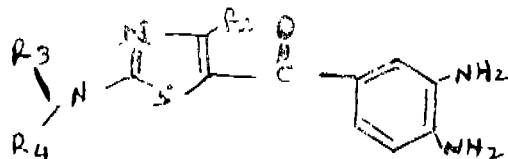
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

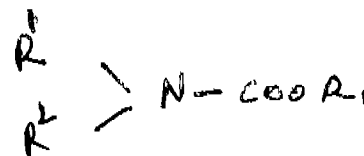
A process for the preparation of new benzimidazole carbamates of the formula I shown in the drawings accompanying the provisional specification,



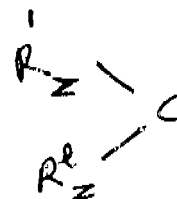
Wherein R₁ is an optionally substituted hydrocarbon residue of aliphatic, cycloaliphatic, cycloaliphatic-aliphatic or aromatic character such as herein described, R₂ is a hydrogen atom or an optionally substituted hydrocarbon residues of aliphatic character such as herein described, R₃ and R₄ are hydrogen atoms, optionally substituted hydrocarbon residues of aliphatic, cycloaliphatic, or aromatic character such as herein described or together represents an optionally substituted bivalent hydrocarbon residue in which the carbon atoms of the chain can be interrupted by a hetero atom such as herein described, tautomers and salts thereof, which comprises reacting as herein described a substituted o-phenylenediamine of the formula IV shown in the drawing accompanying the provisional specification,



wherein R₂, R₃ and R₄ have the earlier defined meanings with a compound of the formula V shown in the drawings accompanying the provisional specification,



wherein R₁ is as defined above and R₂ and R₃ together represents a di-substituted methylene group of formula shown in Fig. 1 of the drawings accompanying the provisional specification,



in which R^1 is an alkylthio or arylthio group and R^2 is an alkylthio or arylthio group or an amino or an $NHCOOR^1$ group, wherein R^1 is as defined above and if desired converting the resulting product into its salt or optical antipode in known manner.

CLASS : 62C1.

149763.

Int. Cl.-D06 p 1/00.

PROCESS FOR DISPERSE COLOUR PRINTING ON POLYESTER OR POLYESTER CELLULOSIC BLENDED FABRICS.

Applicants : THE BHARAT VIJAY MILLS LIMITED KALOL, NORTH GUJARAT 382721 GUJARAT, INDIA.

Inventors : MANIK CHANDRA SADHU.

Application No. 205/BOM/1978 filed July 6, 1978.

Complete after provisional specification left Oct. 5, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims.

A process for disperse colour printing on polyester or polyester cellulosic blended fabrics comprising the steps of preparing printing paste containing one or more disperse dyes, 'chickling pea flour' (*Lathyrus sativus*) being a novel thickening agent, along with one or more conventional thickening agents, water and optionally one or more organic acids or acid liberating agents such as herein described in presence of mild oxidising agent such as sodium meta nitro benzene sulphonate and the said printing paste is printed on the said fabrics and fixed by means of hot air baking or high pressure steaming or super heated steaming.

Comp. specn. pages No. drawings.

Prov. specn. 5 pages no drawing.

CLASS : 32E.

149764.

Int. Cl.-C08 f 27/00.

PROCESS FOR THE PREPARATION OF A NOVEL CROSS LINKED POLYSTYRENE RESIN HAVING CYANOACETATE FUNCTIONALITY.

Applicants : INDIAN EXPLOSIVES LIMITED ICI HOUSE 34, CHOWRINGHEE ROAD CALCUTTA-700 071 WEST BENGAL INDIA THE ALKALI AND CHEMICAL CORPORATION OF INDIA LIMITED OF ICI HOUSE 34, CHOWRINGHEE ROAD CALCUTTA 700 071 WEST BENGAL INDIA AND CHEMICALS AND FIBRES OF INDIA LIMITED OF CRESCENT HOUSE 19, WALCHAND HIRACHAND MARG, BOMBAY-400 038, MAHARASHTRA INDIA.

Inventors : (1) DR. ANNOOTTAM GHOSH AND

(2) DR. SUMIT BHADURI.

Application No. 252/Bom/78 filed August 21, 1978.

Complete specification after provisional left on October 31, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

A process for the preparation of novel (cross linked) polystyrene resin having cyanoacetate functionality having the structure as shown in Figure 1 of the accompanying drawing where $-CH-CH_2-$ represents the (Cross linked) polymer backbone and R represents an alkyl group having 1 to 3 carbon atoms which comprises the steps of chloromethylation of a cross linked polystyrene resin by known methods followed by reacting the chloro-methylated cross linked resin with an alkyl cyano acetate of the formula

$ROOCHCN$ where R has the same meaning as defined in Figure 1 in the presence of a base such as herein described and a solvent such as herein described.

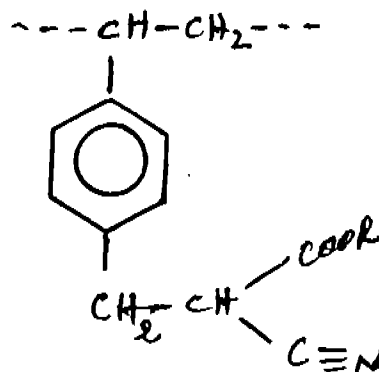


Fig. 1

Prov. specn. 3 pages drawing 1 sheet.

Comp. specn. 6 pages drawing 1 sheet.

CLASS : 170-A+189.

149765.

Int. Cl.-C11 d 3/00.

DEODORANT DETERGENT COMPOSITION & PROCESS OF PREPARING THE SAME.

Applicant : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, BOMBAY, MAHARASHTRA, INDIA.

Inventors : DAVID CHARLES HOOPER & GEORGE ARTHUR JOHNSON.

Application No. 8/Bom/1979 filed Jan. 9, 1979.

Convention date Jan. 12, 1978 U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

10 Claims.

A deodorant detergent composition comprising a non-soap detergent active compound and substances as herein described forming a deodorant composition as herein described having a deodorant value of from 0.50 to 3.5 as measured by the Deodorant Value Test, as herein described, the deodorant composition comprising substances that depress the partial vapour pressure of morpholine by at least 10% more than that required by Raoult's Law

Complete specification—54 pages.

Drawing—nil.

CLASS : 76B.

149766.

Int. Cl.-F16 b 2/02.

A CLAMP FOR CLAMPING THREE PIPES AT RIGHT ANGLES TO EACH OTHER.

Applicant : CAPRIHANS INDIA LIMITED, SHIVSAGAR ESTATE, D BLOCK 2ND FLOOR, DR. ANNIE BESANT ROAD, WORLI BOMBAY-400 018, STATE OF MAHARASHTRA, INDIA.

Inventor : DINKAR JANARDAN KADRI.

Application No. 134/BOM/1979 filed May 15, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

A clamp for clamping three pipes at right angles to each other comprising two moulded tri-lobular shaped pieces of a

light strong material, the outer surface of each piece being smooth, continuous and convex shaped, the lobes projecting inwardly at 120° apart, thereby forming a channel between each pair of the lobes and the two pieces being firmly connected with each other with the lobes of one piece facing the inter-lobal space in the other to form three non-intersecting passages mutually perpendicular to each other for the pipes to pass through, and held firmly in the passages.

Complete Specification 5 pages, Drawing 1 sheet.

Ind. Cl : 160A, 149767.
Int. Cl.-B62 d 31/04.

Title : A DOUBLE DECKER JEEP VEHICLE.

Applicant : HARISH TEXTILE ENGINEERS PVT. LTD., OF 19, PARSHI PANCIAYAT ROAD, ANDHERI EAST, BOMBAY-400 069, MAHARASHTRA, INDIA.

Inventor : HARENDRA SHANTILAL GANDHI, HIMAT SANTILAL GANDHI, KIRTI SHANTILAL GANDHI.

Application No. 159/Bom/79 filed on May 28, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims.

A double decker Jeep vehicle having a lower and an upper deck characterized in that (i) passenger seating accommodation is provided in the entire chassis portion of the lower deck and in the corresponding portion of the upper deck (ii) the lower deck and upper deck have separate passenger entrance facilities both formed at the rear of the vehicle (iii) the passenger entrance facility for the upper deck has a projected landing platform at the level of the upper deck and connected by a ladder means with a foot board at the lower end of the rear of the vehicle and (iv) the lower deck is sufficiently lowered in order to achieve stability of centre of gravity of the vehicle.

Complete Specification—6 pages. Drawing—2 sheets.

CLASS : 172F, 149768.
Int. Cl.-B65h 54/00.

"A SYSTEM FOR INDICATING FULL CHEESE IN A BARBER COLMAN SPOOLER WINDING MACHINE".

Applicant : BALBIR KUMAR SIBAL.

Inventor : 2/15, BHAGWATI APPARTMENT'S, 17 LOWER GOVIND NAGAR, MALAD (WEST), BOMBAY-400 086, MAHARASHTRA, INDIA.

Application No. 174/Bom/79 filed June 13, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

10 Claims

A system for indicating full cheese in a Barber Colman Spooler Winding Machine comprising a plurality of indicators each being adapted to be mounted on the rail of the machine and in front of each spindle of the machine; an improved latch having a vertically adjustable nose and being rigidly connectable to the latch of the traveller of the machine parallel thereto an improved catch rigidly connectable to the catch of the traveller of the machine parallel thereto and comprising a pair of members one member being capable of sliding along the other member and defining a linear relative displacement with respect to the other member when the improved latch and the improved catch engage each other an additional feeler arm plate adapted to be suspended from the feeler assembly of the traveller of the machine such that the additional feeler arm plate lies behind and overlaps the feeler arm plate of the traveller of the machine and means for converting the said linear relative displacement into vertical or angular displacement and thereby actuating the indicators.

Comp. Specn.—21 pages; Drawings—15 sheets.

Ind. C. : 206E, 149769.

Int. Cl.-H03f 1/00.

Title : AN AMPLIFIER CIRCUIT TO OBTAIN AMPLIFIED SINGLE FREQUENCY OUTPUT FROM INPUT SIGNALS WHICH ARE HIGHLY DISTORTED AND ARE OF VERY SMALL AMPLITUDE.

Applicants : (1) PRAKASH KRISHNA RATNAPARKHI (2) RAVINDRA KRISHNA RATNAPARKHI (3) SHRI-KANT RAGHUNATH POPHALE, ALL INDIAN NATIONALS OF 691/1A, POONA SATRA ROAD, PUNE-411 009, STATE OF MAHARASHTRA, INDIA.

Inventors : ASHOK RAMCHANDRA SARAF AND DINESH POPATLAL SANCHAVI.

Application No. 176/Bom/79 filed on June 13, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims.

An amplifier circuit to obtain amplified single frequency output from input signals which are highly distorted and are of very small amplitude comprising a matching transformer connected across the input frequency signals source; a first stage non-inverting amplifier connected to the output of the matching transformer; a low pass filter circuit connected in series to the said first stage non-inverting amplifier; a band pass filter circuit connected in series to the said low pass filter circuit and a second stage non-inverting amplifier connected in series to the said band pass filter circuit.

Complete Specification—8 pages; Drawing—1 sheet.

CLASS : 107C, 149770.
Int. Cl.-F02 b 19/00

A COMBUSTION SYSTEM FOR INTERNAL COMBUSTION ENGINES OF THE FOUR STROKE OR TWO STROKE TYPE OR THE ROTARY TYPE.

Applicant & Inventor : HOMI KAIKHUSHRU ERANI, 11, BREACH CANDY GARDENS, 5TH FLOOR, B. DESAI ROAD, BOMBAY-400 026, MAHARASHTRA, INDIA.

Application No. 213/Bom/79, filed July 30, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims.

A combustion system for internal combustion engines of the four stroke or two stroke type or the rotary type comprising an auxiliary pre-combustion chamber having an air-fuel inlet and attached to the main combustion chamber in which there is also provided an auxiliary piston for compressing the air-fuel mixture entering the said auxiliary pre-combustion chamber, causing spontaneous combustion of the air-fuel mixture within the pre-combustion chamber; the said pre-combustion chamber connected to the main chamber through a constricted passage through which the flame front of the flame produced by combustion of the air-fuel mixture in the pre-combustion chamber, comes out into the main chamber containing the air-fuel mixture and causes ignition in the main combustion chamber.

Complete Specification—13 pages; Drawings—3 sheets.

CLASS : 49H, 149771.
Int. Cl.-A47 j 27/00.

"A PRESSURE COOKER".

Applicant : PRESSURE COOKER & APPLIANCES LTD., UNITED INDIA BUILDING P.M. ROAD, BOMBAY-400 001, INDIA

Inventor : HARI DUTT VASUDLVA.

Application No. 231/Bom/79 filed on August 23, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

A pressure cooker generally comprising a cooking vessel, a lid sealingly fitted on the top of the cooking vessel, a handle bar connected to the said lid, characterized by that means for securing a handle to the cooking vessel comprises a plate secured to the outside of the said vessel, said plate having a tubular extension which is externally threaded, the handle having a lug for insertion into the bore of said tubular extension, an annular recess formed in the said lug, a locking split ring engaged by said recess, said ring projecting from the recess, a nut mounted on the said lug, said nut having an inwardly projecting flange at its outer end so that when the nut is screwed on fully, the ring is held between the outer end of said tubular extension and the inside of the flange.

Complete specification—9 pages; Drawing sheet—1 page.

CLASS : 50A.

149772.

Int. Cl-F17c 3/08.

"AN IMPROVED VACUUM FLASK".

Applicant : EAGLE FLASK PRIVATE LIMITED, EAGLE ESTATE, TALEGAON-410 507, MAHARASHTRA, INDIA.

Inventor : ALIMOHAMED CHHAGAN PADAMSEE.

Application No. 57/Bom/80 filed March 11, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims.

An improved vacuum flask containing a glass bottle a lip member, a shoulder member and a protective container wherein the lip member and the shoulder member are cemented to the neck of the glass bottle by means of foam, plastics, rubber or like flexible material and the said cemented assembly is held in place in the protective container.

Complete Specification—5 pages; Drawing—1 sheet.

CLASS : 98 J & 190B.

149773.

Int. Cl-F02C 7/18.

AN EXPANSION TURBO UNIT FOR THE PRODUCTION OF ELECTRIC POWER BY EXPLOITING SOLAR ENERGY.

Applicant : SNAMPROGETTI S.P.A. OF CORSO VENEZIA 16, MILAN, ITALY.

Inventor : ORESTE BELLOFATTO.

Application No. 310/Cal/78 filed 22, March 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An expansion turbo-unit for the production of electric power by exploiting solar energy comprising a turbine unit (9), a compressor (2) for a gaseous heat-conveying medium (1), a solar heater (4), a burner (5) connected past said solar heater (4) and a heat-accumulator (6) for equalizing the variations of the heat-conveying medium due to variations of the solar irradiation, characterized in that the burner (7) is positioned between the heat-accumulator (8) and the turbine unit (9) in the heat-transfer circuitry.

Compl. Specn. 6 Pages.

Drag. 1 Sheet.

CLASS : 129J.

149774.

Int. Cl-B 21b 1/00, B22f 3/18, 3/20.

A PROCESS FOR THE MANUFACTURE OF AN IRON OR STEEL ELONGATE WORKPIECE AND AN APPARATUS FOR PRODUCING THE SAME.

Applicant : DAVY-LOEWY LIMITED, OF PRINCE OF WALES ROAD, SHEFFIELD S9 4EX, YORKSHIRE, ENGLAND.

Inventor : ALFRED RICHARD ERIC SINGER.

Application No. 311/Cal/78 filed March 22, 1978.

Convention date March 23, 1977/(12311/77) and January 25, 1978 (03099/78) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A process for the manufacture of an iron or steel elongate workpiece in which pellets having a size between 1.5 and 15 mm are heated in a gaseous reducing atmosphere to form fully reduced sponge pellets and at a temperature of at least 900°C are introduced into the gap between a pair of rolls of a rolling mill and are rolled into a sound, coherent, elongate workpiece, and wherein said pellets either consist essentially of an organic binder and iron oxides and contain at least 98% of iron in the form of oxides or are partially reduced and before reduction consisted essentially of an organic binder and iron oxides and contained at least 98% of iron in the form of oxides.

Compl. Specn. 23 Pages.

Drag. 2 Sheets.

CLASS : 107G.

149775.

Int. Cl-F02n 11/00 & 15/00.

DRIVE PINION ASSEMBLY FOR AN ELECTRIC STARTER FOR AN INTERNAL COMBUSTION ENGINE.

Applicant : SOCIETE DE PARIS ET DU RHONE, OF 36 AVENUE JEAN MERMOZ, 69008 LYON, FRANCE.

Inventor : ALFRED BRUNO MAZZORANA.

Application No. 651/Cal/78 filed June 13, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A drive pinion assembly for an electric starter for an internal combustion engine, having an inner track formed on the driver and a freewheel assembly mounted for free rotation on the shaft of the starter motor, said freewheel assembly being fastened to the drive pinion for the engine and having an outer cage round the said track, characterized in that the bearing surface of the freewheel assembly round the said shaft is extended axially by a sleeve which extends into a bore in the driver under the said track.

Comp. Specn. 10 Pages.

Drag. 2 Sheets.

CLASS : 32F & 2b & 55D₂.

149766.

Int. Cl-C07d 49/00 A01n 9/00.

PROCESS FOR THE PREPARATION OF INSECTICIDE, ACARICIDE AND NEMATOCIDE COMPOUNDS.

Applicant : MONTEDISON S.P.A. OF 31, FORO BOUNAPARTE, MILAN, ITALY.

Inventors : PIER MARINO BOSCHI, FRANCO GOZZO, AND ANGELO LONGONI.

Application No. 1358/Cal/78 filed December 21, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Process for the preparation of insecticide, acaricide and nematocide compounds of general formulae as shown in Figure 9 :

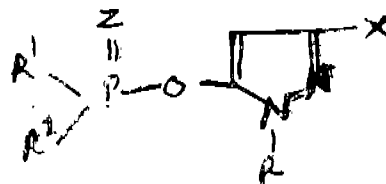
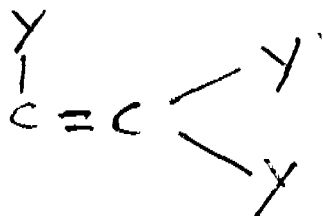


Figure 9

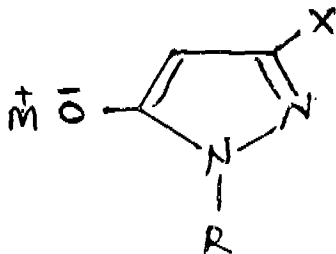
wherein :

R=H; C₁ — C₇ alkyl optionally substituted with halogen atoms carbalkoxy groups, cyano (CN) groups; phenyl optionally substituted by C₁ — C₃ alkyl groups, halogen atoms or nitro (NO₂) groups; benzyl; C₂ — C₇ alkenyl; C₂ — C₇ alkynyl; X=halogen; SR; OR; N(R)₂; a radical of Figure 14.

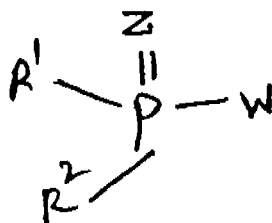


[wherein Y is H, C₁ — C₃ alkyl, halogen, SR, OR, N(R)₂; Z = S;

R¹ and R² (equal to or different from each other) = C₁ — C₄ alkyl; C₁ — C₄ alkoxy; phenyl; C₁ — C₄ alkylthio; C₁ — C₄ alkylamino; characterized in that: the alkaline salt of a 5-(3)-hydroxypyrazole of formula as shown in Figure 16.



(wherein R and X have the above reported meanings and M⁺ represents an alkaline cation) is made to react in an inert solvent and in the presence of a base with a (thio) phosphoric acid halide of formula as shown in Figure 15.



(wherein R¹, R² and Z have the above reported meanings and W represents a halogen atom.).

Comp. Specn. 26 Pages.

Draws. 2 Sheets.

CLASS : 55D₂.

149777.

Int. Cl.-A01n 5/00, 9/12, 7/04.

FUNGICIDAL COMPOSITION FOR AGRICULTURAL USE.

Applicants : ELI LILLY AND COMPANY OF 307 EAST MCCARTY STREET, INDIANAPOLIS, INDIANA 46285, U.S.A.

Inventors : TOSHIKAZU OSUGI, TAKESHI KAWAKAMI, KAZUHO MATSUURA, AND YOSHIHARU KITAMURA.

Application No. 1386/Cal/78 filed December 28, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No Drawings.

A process for preparing a fungicidal granular composition for preventing rice blast in rice plants without causing any chemical injury to the plants even when applied to them at their young stage, which comprises mixing (a) 5-methyl-s-triazolo (3, 4-b) benzothiazole, (b) a clay mineral and (c) an oleophilic base having a melting point of 45 to 85°C together with or without any other optional component to make their uniform mixture wherein the components (a), (b) and (c) are in a weight proportion of 0.5 — 60, 10—90 and 10—60, respectively shaping the mixture into granules and, when the granules include moisture, drying the granules.

Comp. Specn. 36 Pages.

Draws. Nil.

CLASS : 151C.

149778.

Int. Cl.-F16L 11/00.

A FLEXIBLE FABRIC DUCT.

Applicant : CECIL HOWARD WOOD, OF 129 ARNOLD STREET, THORNHILL, ONTARIO, CANADA.

Inventor : CECIL HOWARD WOOD.

Application No. 49/Cal/78 filed January 16, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A flexible fabric duct comprising a coil made of metallic material of hollow section having an opening extending the length of the turns of the coil and defined by opposed inwardly directed limbs of the coil, and a flexible helical covering strip of fabric extending between adjacent turns of the coil within the coil, the edges of the strip being gathered and crimped between the inwardly directed limbs along the length of the coil.

Comp. Specn. 10 Pages.

Draws. 1 Sheet.

CLASS : 32F₂(C) & 55D₂.

149779.

Int. Cl.-C07f 9/02.

PROCESS FOR THE PREPARATION OF COMPOUNDS CONTAINING PHOSPHORUS-CARBON-NITROGEN BOND.

Applicants : NITROKEMIA IPARTELEPEK, OF P.O.B. 45, FUZFOGYARTELEP 8184, HUNGARY.

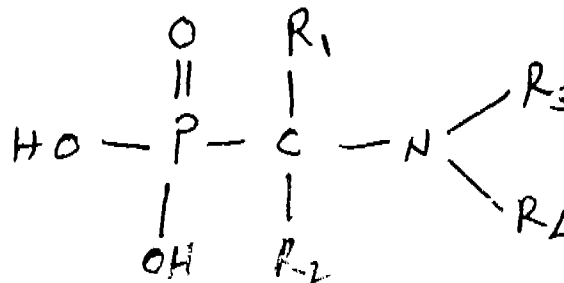
Inventors : SANDOR BALINT, ZOLTAN KOLONICS, ANTAL GAAL, JOZSEF FARKAS, LASZLO DUFFK, SANDOR HORVATH AND BELA KARACSONYI.

Application No. 332/Cal/79 filed April 3, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Process for the preparation of compounds containing phosphorus-carbon-nitrogen-bond of the general formula I.



Formula I

wherein R₁ and R₂ are identical or different and may represent hydrogen or phenyl, one of them preferably being always

hydrogen, R₂ and R₃ may represent phosphonomethyl, carboxymethyl, methyl, cyclohexyl or N', N'-diphosphonomethyl-ethylamino, independently from each other which comprises reacting phosphorus halide with ammonia, water-soluble ammonium salts, primary or secondary amine as herein described in the presence of water, and then with aldehyde having from 1 to 30 carbon atoms or ketone having from 1 to 20 carbon atoms and recovering the product by reducing the reaction volume or by adding a water-miscible solvent to the reaction mixture.

Comp. Specn. 12 Pages.

Drg. 1 Sheet.

CLASS : 136M.

149780.

Int. Cl.-B29h 17/32.

METHOD FOR PREPARING AN ASSEMBLY OF A BEAD WIRE CORE AND AN ANNULAR FILLER ELEMENT FOR THE BEAD ZONE OF A VEHICLE TYRE AND APPARATUS THEREFOR.

Applicants : INDUSTRIE PIRELLI SPA OF CENTRO PIRELLI, PIAZZA D'AOSTA NO. 3, 20100 MILAN, ITALY.

Inventor : BRUNO COLOMBANI.

Application No. 221/Del/78 filed March 27, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi.

8 Claims.

A method for preparing an assembly of a bead wire core and an annular filler element for the bead zone of a vehicle tyre, the method comprising supporting a strip of elastomeric material suited for forming said annular filler element on a substantially cylindrical supporting surface for obtaining a substantially tubular form, said tubular form having a first surface beginning at a first end extending inwardly towards a second end of said tubular form and then upwardly to the exterior surface of said tubular form forming a second surface for communicating with two surfaces of a bead core, disposing a polygonal bead core having a surface comprising a plurality of adjacent planar surfaces on a substantially cylindrical seat adjacent to and coaxial with said first end of said tubular form, positioning said bead core until an edge formed by two adjacent surfaces of said bead core is in communication with said first end of said tubular form below the beginning edge of said inwardly extending surface whereby a wedge-shaped space is formed bounded by a surface of said bead core, said supporting surface, and said first end of

said tubular form, and applying a force to the interior of said tubular form for forcing said second end of said tubular form into a vertical position above said first end and forcing the portion of said first end defining a boundary of said wedge-shaped space into said space until said first and second surfaces of said first end communicate with two adjacent surfaces of said bead core thereby providing an annular form positioned in a predetermined relationship with said bead core without the aid of a positioning flange.

Comp. Specn. 23 Pages.

Drg. 6 Sheets.

PATENTS SEALED

148829 148854 148897 148914 148963 148964 148965 148967
148971 148976 148977 148979 148980 149000 149001 149003
149082 149116

AMENDMENT PROCEEDINGS UNDER SECTION 78 (3)

(1)

In the Gazette of India Part III, Section 2 dated the 18th April, 1981 under the heading "Complete Specification Accepted" the title of the invention in respect of patent No. 148615 has been corrected as follows :—

For Method of Carbothermically Producing Aluminum Silicon Alloys.

Read "Method for production of aluminum-Silicon alloys" and in the name of the inventors.

For Charles Norman Cochran, Richard Aldo Milito and Subodh Kumar Das.

Read "Richard Aldo Milito and Subodh Kumar Das" in respect of the said complete specification No. 148615.

(2)

In the Gazette of India Part III, Section 2 dated the 18th April, 1981 under the heading "Complete Specification Accepted" the name of the inventor in respect of patent No. 148616 has been corrected as follows :—

For "Richard Aldo Milito and Subodh Kumar Das".

Read "Charles Norman Cochran, Richard Aldo Milito and Subodh Kumar Das."

COMMERCIAL WORKING OF PATENTED INVENTIONS

Mechanical and General Engg. List No. 4

The following Patents in the field of Mechanical and General Engineering Industry are not being commercially worked in India as admitted by the Patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970, in respect of Calendar year 1980, generally on account of want of the requests for the Licences to work the Patented inventions.

Persons who are interested to work the said patents commercially may contact the Patentees for the grant of Licence for the purpose.

Sl. No.	Patent No.	Date of Patent	Name and address of the Patentees	Title of the inventions
1	2	3	4	5
1.	135875	22-07-1972	HAYASHIBARA BIOCHEMICAL LABORATORIES, INCORPORATED, No. 2-3, 1-chome, chimoishii, Okayama-shi, Okayama-ken, Japan.	A method of making shaped bodies from pullulan or a mixture thereof with amylose PVA and gelatin.
2.	140103	19-02-1974	SPERRY RAND CORPORATION, Crooks and Maple Road, Troy, State of Michigan, 48084, U.S.A.	Improvements in control systems.
3.	140115	31-12-1974	MARK YVES YERGNET, 1, Chemin du Val Doux "La Parveigne", Toulon, Var, France.	Improvements in or relating to pumps.
4.	140128	17-10-1974	DUNLOP LIMITED, Dunlop House, Ryder Street, St. James London SW 1, England.	Pneumatic tyres.

1	2	3	4	5
5.	140163	08-08-1973	THE SOLARTRON ELECTRONIC GROUP LTD., Victoria Road, Farnborough, Hampshire, England.	Improvements in weapon training systems particularly for simulating the use of a weapon against target.
6.	140203	07-12-1973	GRILING LTD., King's Road, Tyseley, Birmingham 11, England.	Automatic adjusters for vehicle brakes.
7.	140222	14-09-1973	ELKEM-SPIGERVERKET A/S, El-kemhuset, Middelthunsgate 27, Oslo 3, Norway.	Arrangement for progressively advancing a cylindrical body in the direction of its axis.
8.	140258	09-10-1973	SUNKIST GROWERS INC., 14130 Riverside Drive, Sherman Oaks, California 91403, U.S.A.	Apparatus for organizing a mass of objects into a travelling row.
9.	140409	11-09-1974	MAHLE GMBH, 26-46 Pragstrasse, Stuttgart, West Germany.	A piston and connecting rod arrangement for a reciprocating piston engine.
10.	140410	13-09-1974	ELITEX ZAVODY TEXTILRIHO STROJIRENSTVI, Liberec, Czechoslovakia.	Body for winding yarn in textile machines.
11.	140420	22-10-1974	BRIDGESTONE TIRE CO. LTD., No. 1-1, 1-chome Kyobashi, Chuo-ku, Tokyo, Japan.	Pneumatic tire for construction vehicles.
12.	140462	13-06-1973	(1) EDWARD JOHNSON ANTHONY THOMES, Normondy Heights Road, Conventstation, New Hersey, U.S.A. (2) A.T. BRINDISI, 4 Charges Drive Fairfield, New Jersey, U.S.A.	Containers and safety closure therefor.
13.	140468	17-10-1974	PREROVSKE STRDOJIRNY-NARODNI PODNIK, Pevor, Czechoslovakia,	Apparatus for burning raw cement materials and pulverous lime.
14.	140473	05-12-1974	KNORR BREMSE GMBH., 8 Munchen 40, Moosacher Strasse 80, F.R. GERMANY.	Flow-dependent monitoring device for the main air conduit of air-brake systems of rail vehicles.
15.	140500	07-11-1974	ETHICON INC., Somerville, New Jersey, U.S.A.	Method of swaging of suture to surgical needle and apparatus therefor.
16.	140504	27-07-1974	BALCKE-DURR AG., 4030, Ratingen, Homberger Str. 2, Germany.	A method of and an apparatus for helically winding a band on a tube to produce a helically finned tube.
17.	140525	31-12-1973	Do.	A cooling tower.
18.	140530	31-12-1973	Do.	Cooling towers and methods of assembling and cooling.
19.	140555	07-03-1974	DIAMOND POWER SPECIALTY CORPORATION, 4-5 Route 22 East Lancaster, Ohio, U.S.A.	Power connecting apparatus for movable members.
20.	140571	21-06-1974	METALLGESELLSCHAFT AG., 16 Frankfurt Am Routerweg 14, West Germany.	Peltizing disc.
21.	140572	11-07-1974	BURROUGH CORPORATION, Burroughs Place, Detroit, Michigan 48232, U.S.A.	Chain printer utilizing a plurality of teeth for engaging driving means and apparatus for generating a unique binary code.
22.	140606	30-01-1973	CATERPILLAR TRACTOR CO., 100 N.E. Adams Street, Peoria, Illinois, 61602, U.S.A.	Pilot control valve.
23.	140646	17-07-1973	(1) FRITZ STAHLERKER Josef-Neidkartsstrasse 18, D-7341, Bad-Uberkingen, West Germany. (2) HANS STAHLERKER, Haldenstrasses 20, D-7334, Sussen, West Germany.	Apparatus for removing impurities from fibres.
24.	140664	22-10-1974	PARKS CRAMER (GREAT BRITIAN) CO. Suthers Street, Oldham, Lancashire, England.	Method and apparatus for spinning machines and pneumatically removing fibre and trash waste-incident to spinning.

1	2	3	4	5
25.	140669	05-11-1973	DEERE & CO., Moline, Illinois, U.S.A.	A crop harvester having an automatic height control system.
26.	140696	14-03-1975	G. D. SOCIETA PER AZIONI, Via Pomponia 10, Bologna, Italy.	Apparatus with a rotatable head for supplying cigarettes to the infeed hoppers and high speed cigarettes packeting machines.
27.	140705	20-10-1973	DEERE & CO., Moline, Illinois, U.S.A.	Variable speed belt drive for an agricultural machine.
28.	140715	01-03-1974	THE FIBERWOVEN CORPORATION, East Main Street, Elkin, North Carolina, U.S.A.	Method and machine of producing a needled fabric structure and needled fabric structure so produced.
29.	140741	19-12-1973	G.D. SOCIETA PER AZIONI, Via Pomponia 10, Bologna, Italy.	Cigarette packeting machine.
30.	140746	03-12-1974	BRITISH STEEL CORPORATION, 33 Crossinch Place, London SW 1, England.	Flanged ductile Iron pipes and the method of production thereof.
31.	140758	19-12-1974	GIRLING LTD. King's Road, Tyseley, Birmingham 11, England.	Hydraulic actuators particularly for use in vehicle brake actuating systems.
32.	140777	11-03-1974	USS ENGINEERS AND CONSULTANTS INC., 600 Grant Street, Pittsburgh, State of Pennsylvania, U.S.A.	Method and apparatus for forming an internal taper in the walls of a sleeve like body.
3	140792	17-12-1973	WHEELABRATOR-FRYE INCL 299 Park Avenue, New York, New York, U.S.A.	Valve construction.
34.	140813	13-12-1973	G.D. SOCIETA PER AZIONI, Via Pomponia 10, Bologna, Italy.	Apparatus for the discharge of products such as packets of cigarettes or the like from a wrapping packeting machine supplying products in the intermittent operation.
35.	140865	22-10-1974	MASSEY FERGUSON SERVICES N. V., Antilles, Abraham de Veerstraat 7 A Currocas, Netherlands, Antilles.	Draft sensing apparatus for tractor.
36.	140884	16-02-1974	KELLEY COMPANY INC. 6720 North Tentonia Avenue, Milwaukee, Wisconsin, U.S.A.	Stack construction for a combustion apparatus.
37.	140886	24-09-1974	FLUIDRIVE ENGINEERING COMPANY LTD., Fluid works Kiorton Road, Isleworth Middlesex, England.	Fluid couplings and motor driven installations incorporating the same.
38.	140898	28-12-1974	WHATRON SHIPPING CORPORATION, C/o Quijano Associates, Avenida, J. Arosemenaycalle 32, Edificio, Vallarino, Panama.	Vessel for flotation loading and unloading and partial buoyancy support of barges and other floating containers.
39.	140915	08-07-1974	ELITEX-ZAVODY TEXTILNIHO STROJIRENSTVIL, GENERALINI REDITELSTVI 22 Boxeny Nemcone, Liberce, Czechoslovakia.	Device for forming a yarn reserve upon simultaneous formation of a yarn package on a winding body in textile machines.
40.	140946	19-09-1974	DR. C. OTTO & COMP. GMBH, Bochum, West Germany.	Apparatus for charging preheated coal into coke ovens.
41.	140987	14-12-1973	G.D. SOCIETA PER AZIONI, Via Pomponia 10, Bologna, Italy.	Device for transferring batches of cigarettes from a formation line to a packing line for them to be packeted.
42.	140996	26-09-1974	Do.	Device for separating sheets from piles, particularly card board blanks or similar to be fed individually to machines for packing cigarettes in packets of the hinge lid type.
43.	141005	20-09-1975	KRISHNA RAMCHANDRA DATYE, Amit Bldg. Flat 10, Vile Parle (East), Bombay-400057, Maharashtra, India.	Improvements in or relating to a method of drilling holes in soil and rock and a system for carrying out the method.
44.	141027	26-07-1975	JOSEF KRINGS, D-5138 Heinsberg oberbruch, Hans Bockler, Strasse 23, German Federal Republic.	Cubbing plate for securing conduit trenches or the like.

1	2	3	4	5
45.	141053	13-02-1975	GIRLING LTD., King's Road, Tyseley, Birmingham 11, England.	Disc brakes for rail vehicles.
46.	141064	04-06-1974	PANDROL LTD, 7 Rolls Buildings, Fetter Lane, London, EC 4, 1 JB, England.	A railway rail-fastening member and a railway rail and fastening assembly employing it.
47.	141087	13-03-1974	THE CROSS CO., 17801 Fourteen Mile Road, Fraset, Michigan 48026, U.S.A.	A tool adjusting system for a machine having a tool for machining a surface of a plurality of work pieces to a pre-determined nominal dimension.
48.	141097	14-04-1976	NAMBAMUDI SINNIHA VELLA-SITHAN SINNIHA, Velanipatty, Kattampoor, P.O. Ramnad District, Tamil Nadu, India.	A rotary pump.
49.	141127	12-11-1974	JEANERNST KOPP, Meyricz/Murten, Switzerland.	Friction over load coupling.
50.	141150	04-12-1974	HINDUSTAN LEVER LTD. Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-400020, Maharashtra, India.	Pump for dispensing liquid.
51.	141172	09-04-1975	GIRLING LTD., King's Road, Teselcy, Birmingham 11, England.	Improvements in tandem master cylinders for hydraulic braking systems.
52.	141187	30-10-1976	KRISHNA RAMCHANDRA DATYE, Amit Building, Flat No. 10, Behind, Dena Bank, Nehru Road, Vile Parle (East) Bombay-400057, Maharashtra, India.	Method of strengthening natural soft ground artificial fills made in the ground or in reclaimed land and the like for building houses or other structures.
53.	141205	14-03-1974	PLATT SACO LOWELL LTD. Holcombe Road, Helmshore, Rossendale, BB4, 4 NG, Lancashire, England.	A chain or belt tensioning arrangement for variable speed gear.
54.	141215	02-04-1975	ELKEM-SPIGERVERKET A/S, El-kemhuset Middlethunsgate 27, Oslo 3, Norway.	Tapping gun.
55.	141290	27-08-1974	EMHART INDUSTRIES INC., 426 Colt Highway, Farmington, Connecticut, U.S.A.	Magnetic drive for conveyor.
56.	141308	10-07-1974	MARRYAT FINANCE LTD., 40/42 Hatton Garden, London EC 1P, 1AN, Gross britannian, England.	Angular guidance arrangements for conveyor belt systems.
57.	141339	13-02-1974	RUTI MACHINERY WORKS LTD., 8630 Ruti, Zurich, Switzerland.	Shedding motions for a loom.
58.	141359	21-05-1975	RUTI-TE STRAKE B.V., Industrieweg 7, Deurne, The Netherlands.	A weft thread inserting nozzle.
59.	141372	26-07-1975	JOSEF KRINGS. D 5138 Heinsberg, oberbruch, Hansbocklar, Strasse-23, GERMAN FEDERAL REPUBLIC.	Lining apparatus for the protection of trenches for utilities such as pipes and cables.
60.	141373	22-11-1976	DR. SHOTH NATH TIWARI AND PROF. S. L. MALHOTRA, Both of Banaras Hindu University. India.	A low pressure die casting machine.
61.	141383	08-08-1974	LICENTIA PATENT VERWALTUNGS GMBH, Theodarsten-Kai 6, Frankfurt 70, F.R. GERMANY.	Apparatus for production of tubes or or cable sheaths of metal by extrusion,
62.	141399	11-07-1974	BLACK SIVALLS & BRYSON INC., 2727, Allea Parkway, Houston, Texas, 77001, U.S.A.	Apparatus for introducing plurality of material into a high temperature environments.
63.	141439	25-07-1973	GENERAL ELECTRIC CO., 1 River Road, Schemecrady-5, New York, U.S.A.	A diamond-tipped tool insert and a process for preparing the same.
64.	141503	26-06-1973	FIERRO-ESPONJA SA., Avendla Los Angeles, at Orinto Mouterrey, N.L. Republic of Mexico.	Apparatus for charging interchangeable reactors.

1	2	3	4	5
65.	141514	08-02-1974	GEWERKSCHAFT EISENHUTTE WESFALIA, 4628 Wethwar Bei Hunen, Westfalia, F.R. GERMANY.	Scraper chain conveyors.
66.	141531	27-12-1974	LIBBEY OWENS FORD CO. 811 Madison Avenue, Ohio, U.S.A.	Method of bending glass sheet and apparatus for the same.
67.	141545	02-06-1975	EMHART INDUSTRIES INC., 426 Colt Highway, Farmington, Connecticut, 0432, U.S.A.	Neck ring cartridge for glassware machine.
68.	141631	27-02-1974	USS ENGINEERS AND CONSULTANTS INC., 600 Grant Street, Pittsburgh State of Pennsylvania, U.S.A.	Operating mechanism for slidable gates of bottom pour vessel and a bottom pour vessel.
69.	141655	21-12-1973	FRIED KRUPP GMBH., Altender fir stresse, 102, D-43, Essen, F.R. GERMANY.	Hinged and fast support especially for bridge.
70.	141694	27-05-1974	1. SNAMPROGETTI S.P.A. 16 Corso Venezia, Milan, Italy., 2. SAIPEM S.P.A. Corso Venezia 16, Milan Italy.	Apparatus suitable for examining submerged pipe lines.
71.	141701	12-02-1975	WHEELABRATOR FRYE INC., 299 Park Avenue, New York, New York, U.S.A.	Portable apparatus for cleaning a surface.
72.	141734	28-03-1974	UNION CARBIDE CORPORATION, 270 Park Avenue New York, State of New York 10017, U.S.A.	Sterile connector for conduits.
73.	141738	10-12-1974	SOLVAY & CIE, Rue du Prince Albert 33, B-1050, Brussels, Belgium.	Manufacture of short fibrils and devices for carrying it out.
74.	141758	21-05-1974	WHEELABRATOR FRYE INC. 299 Park Avenue, New York, New York, U.S.A.	Filter bags.
75.	141797	09-04-1974	ELKEM-SPIGERVERKET A, Elkekembuset, Middlethunsgate, 27, Oslo 3, Norway.	Scraping member for a pelletizing disc or pan and a method operating a pelletizing disc or pan.
76.	141799	02-01-1975	VEB WIRRMASCHINENBAU K.M.S., Annabarger, Strasse-700 90 Karl Marx Stadt. GERMAN DEMOCRATIC REPUBLIC.	Process and apparatus for the manufacture of patterned pile loop fabrics.
77.	141839	27-03-1974	CAA. NORGREN CO., 5400 South Delaware Street, K. Littleton, Colorado 80120, U.S.A.	Reclassifier for oil fog lubrication systems.
78.	141878	08-11-1973	WABCO WESTINGHOUSE, Sevran, France.	A fluid pressure operated load compensating relay valve device.
79.	141920	29-10-1974	JOHNSON & JOHNSON 501 George Street, New Brunswick, New Jersey, U.S.A.	Antitog surgical face mask with slits.
80.	141923	19-09-1975	GUSTAV SCHADE MASCHINEN-FABRIK D-4600 Dortmund Am Rosenplatziller 120, GERMAN FEDERAL REPUBLIC.	Apparatus for extracting bulk material from dumps.
81.	141978	04-11-1974	EMHART INDUSTRIES INC., 426 Colt Highway Farmington, Connecticut, U.S.A.	Individual section high speed forming mechanism for making glassware.
82.	141989	11-03-1975	SVENSKA AKTIEBOLAGET BROMSREGULATOR, Mora Valigatan 54, Malmo, Sweden.	A fluid pressure actuated brake unit.
83.	142007	22-01-1974	GREER HYDRAULICS INC., 5930 West Jefferson Boulevard, Los Angeles 16, California, U.S.A.	Pressure vessels of the type having a rigid container with a deformable bladder.
84.	142009	31-05-1974	EMHART INDUSTRIES INC., 426 Colt Highway, Farmington, Connecticut 06032, U.S.A.	Hollow glassware forming machine.

1	2	3	4	5
85.	142050	18-07-1974	SIMON-HARTLEY LTD., Etruria, Works, Stock on Trent Staff ordsterc, England.	Apparatus for a method of filtering a liquid.
86.	142085	02-04-1975	NATIONAL CAR RENTAL SYSTEM INC., 5501 Green Valley Drive, Minneapolis, Minnesota 55437 U.S.A.	Dredging head.
87.	142087	22-05-1975	GIRLING LTD., Kings' Road, Tyseley, Birmingham 11, England.	A master cylinder assembly for a vehicle hydraulic braking system.
88.	142106	01-08-1974	THE PRESIDENT, Forest Research Institute and College, Dehradun, India.	Production of pine needle resonoid.
89.	142113	24-04-1974	DR. C. OTTO & COMP. GMBH, Bochum, West Germany.	Blast preheater.
90.	142120	22-07-1975	ALBERT OBRIST AG., Romerstrasse-83, 4153, Reinach, Switzerland.	Closure for containers and a method for securing the closure to the container.
91.	142123	06-08-1973	AMPLIFORM PTV. LIMITED 95, Collins Street, Melbourne, State of Victoria, Commonwealth of Australia.	Metal expanding machine.
92.	142145	20-03-1975	GIRLING LTD., King's Road, Tyseley, Birmingham 11, West Midlands, England.	Vehicle disc brakes.
93.	142147	25-07-1975	JOSEF KRINGS, D 5138 Heinsberg oberburnch, Hans Bockler-strasse-23, GERMAN FEDERAL REPUBLIC.	Sheeting arrangement for canals and like purposes.
94.	142166	25-07-1975	Do.	Sheeting arrangement for shoring trenches.
95.	142188	30-10-1974	CHIEF CONTROLLER, Research and Development Organisation, Ministry of Defence, Government of India, Delhi, India.	Armour plates.
96.	142201	24-10-1973	WESTINGHOUSE ELECTRIC CORPORATION, Westinghouse Building, Gateway Centre, Pittsburgh, Pennsylvania 15222, USA.	System for controlling operation of a steam turbine.
97.	142216	02-12-1974	INTERCOLE AUTOMATION INC., 12011, Van Vicente Boulevard, Los Angeles, California, U.S.A.	Apparatus for compounding and conveying injection molding materials.
98.	142227	17-09-1975	GIRLING LTD., King's Road, Tyseley, Birmingham 11, England.	Pressure differential working actuators for use in dual hydraulic braking systems for vehicles.
99.	142237	23-08-1974	JOHNSON & JOHNSON 501 George Street, New Brunswick, New Jersey, U.S.A.	Surgical drape for use on an operation table.
100.	142238	23-08-1974	Do.	Self adhesive surgical drape.
101.	142244	15-04-1975	KNORR BREMSE GMBH, 80 Moosacher Strasse, 8 Munich 40. F. R. GERMANY.	Control valve for pressure air braker in particular for rail vehicles.
102.	142248	13-08-1974	MARION POWER SHOVEL COMPANY INC., 617 West Centre Street, in the city of Marion and State of Ohio, U.S.A.	A support assembly for use in an excavator or a crane.
103.	142260	17-12-1976	SOMNATH ROY, 229, B.N. Road, Calcutta-60, India.	Apparatus for withering green tea leaves.
104.	142263	02-04-1975	1. ERMANNIO SAVIO, Via Garofalo 22, Milan, Italy. 2. SERGIO CALOMANI, Via Settimana-27, Seoratee, Sun Felice, Milan, Italy. 3. ENGENIDTURRI, Via Benedetto, Marcelllo-1, Milan, Italy.	An apparatus for storing and feeding yarn to yarn using machines.

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105.	142283	27-11-1974	SPIRAX-SARCO LTD., Saint Georges Road, Cheltenham, Gloucestershire GL 50 3EN, England.	Improvements in or relating to adjustment to be effected by a rotary motion such as in an air line pressure regulator.
106.	142331	03-10-1975	BRITISH STEEL CORPORATION, 33, Grosvenor Place, London, SW 1, England.	Non-destructive testing apparatus.
107.	142333	02-01-1976	EMHAT INDUSTRIES INC., 426 Colt Highway, Farmington, Connecticut, U.S.A.	Glassware forming machine of the I.S. type for upright press and blow process.
108.	142338	07-02-1974	CROFTSHAW (ENGINEERS) LTD., Acton Works, Bull Lane, Long Melford, Suffolk, England.	Material flowrate monitoring system.
109.	142345	18-09-1974	GIRLING LTD., King's Road, Tyseley, Birmingham 11, England.	Brake pressure control valves.
110.	142355	18-03-1975	PALITEX PROJECT-COMPANY GMBH, Weeserweg 8, 1415 Krefeld, West Germany.	Thread brake for a double twisting spindle.
111.	142365	11-03-1975	WILHELM HEGLER, Goethe Strasse, Kissingen, F.R. GERMANY.	Improvement in extruder apparatus and process for making the outer carrier.
112.	142366	11-03-1975	Do.	Extrusion apparatus for the production of double walled plastics-tubes.
113.	142385	15-10-1975	JOHNSON & JOHNSON, 501 George Street, New Brunswick, New Jersey, U.S.A.	A surgical face mask.
114.	142386	26-03-1974	GIRLING LTD., King's Road, England.	Sliding caliper disc braker.
115.	142404	02-12-1974	INTERCOLE AUTOMATION INC., 12011, Van Vicenta Boulevard, Los Angeles, California, U.S.A.	Continuous mixer apparatus.
116.	142409	28-05-1975	RESEARCH CORPORATION, 405 Lexington Avenue, New York, New York, 10017, U.S.A.	Power piston actuated displacer piston driving means for free-piston Stirling cycle type engine.
117.	142451	26-07-1975	JOSEF KRINGS, D-5138 Heins-borg, Aberbruch, Hans-Vockler-Strasse 23, GERMAN FEDEAL REPUBLIC.	A guiding head for a bracing struct of a trench revetment device.
118.	142484	26-09-1974	G. D. SOCIETA PER AZIONI, Via Pomponia 10, Bologna, Italy.	Improved wrapping machine for sweets and similar on which the individual products are wrapped in what is known the 'soap' or "Diamond style".
119.	142489	11-04-1975	WHEELABRATOR ERYE INC., 299 Park Avenue New York, U.S.A.	Fixture for a blast cleaning machine.
120.	142552	21-08-1974	DR. C. OTTO & COMP. GMBH, Christstrasse 9, West Germany.	Cylindrical shaftfurnace for the reduction of iron ore.
121.	142565	21-10-1975	JOSEF KRINGS, D-5138 Heinsberg, Oberbrush, Hans Bockler Strasse 23, GERMAN FEDERAL REPUBLIC.	Sheeting plate for trench sheeting.
122.	142622	07-04-1976	SIEMENS AG., Berlin 9, Munich, West Germany.	Process and apparatus for surface grinding a work piece and work piece thus obtained.
123.	142648	20-01-1976	1. WILHELM EIRICH, Hardheim Bahnhof, Str. 19, 2. GUSTAV RIRICH, Hardheim Walldurner Str. 41, Both from GERMAN FEDERAL REPUBLIC.	Pulversing apparatus with a toothed disc.
124.	142656	26-02-1975	PARKE DAVIS & CO., Detroit, U.S.A.	Apparatus and method for printing capsule parts.
125.	142679	19-07-1975	WIEGAND CARBSRUDE GMBH., Einsteinstrasse 9-15, Eittlingen 7505, F.R. GERMANY.	Gas scrubbing apparatus.

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126.	142703	01-09-1975	ABEX CORPORATION, 530 Fifth Avenue, New York 10036, U.S.A.	Control system to a variable displacement pump.
127.	142715	04-02-1976	THE PARKER PEN CO., 219 East Court Street, Janesville, Wisconsin, U.S.A.	A nib assembly for a writing pen and a writing pen incorporating the nib assembly.
128.	142741	08-10-1975	YOSHIMA MURAO, Ha 656-1 Ma-suizumi-machi, Kanazawa, Ishikawa Pref, Japan.	Cleaning machine for bobbins with waste sliver.
129.	142759	04-10-1975	KNORR BREMSE GMBH., 8000 Munchen 40, Moosreiter, Strasse-80, F.R. GERMANY.	Compressed-air braking device for rail vehicles.
130.	142768	17-12-1974	EMHART INDUSTRIES INC., 426 Colt Highway, Farmington, Connecticut, 06032, U.S.A.	A multisection glassware forming machine.
131.	142814	10-06-1975	RUTI MACHINERY WORKS LTD, 8630, Ruti, Zurich, Switzerland.	Elastic shuttle for looms.
132.	142831	19-12-1974	MIDREX CORPORATION, One NCNB Plaza, Charlotte, North Carolina 28280, U.S.A.	A vertical shaft furnace for continuously heat treating dissimilarly sized particles.
133.	142851	26-06-1975	USS ENGINEERS AND CONSULTANTS INC., 600 Grant Street, Pittsburgh, State of Pennsylvania, U.S.A.	A curved roll rack of continuous casting machine and a method of continuous casting.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. Title of the invention

- 143184 (08-10-76) Process for the separation of dry particulate matter from hot gas.
- 143188 (27-08-74) Method and apparatus for the continuous dehydration of maleic acid.
- 143659 (17-10-75) Improvement in or relating to preparation of pigment grade calcium chromate.
- 143675 (13-08-75) Improvements in or relating to a process for the production of kerosene and diesel oil from heavy stocks of petroleum employing alumina base catalyst.
- 143687 (04-05-76) A new method for the production of master alloy of aluminium magnesium.
- 143692 (20-09-76) A process for the preparation of copper sulphate utilising waste sulphuric acid.

RENEWAL FEES PAID

109021 109783 109870 110002 110278 110428 110579 115075
 115214 115519 115632 117541 120409 120460 120536 120559
 120562 125601 125721 125722 125816 125820 125835 125893
 125961 125987 126215 126658 126758 130530 130644 130706
 130987 133116 134647 135083 135315 135980 136245 136499
 137146 137219 137726 138190 138297 138306 138838 138853
 140021 140801 140914 140927 141062 141094 141205 141206

141416 141433 141519 141641 141980 141990 142178 142212
 142505 142751 142820 143011 143172 143581 143933 144201
 144408 144547 144874 145423 145852 145853 145872 145890
 146161 146191 146339 146381 146701 147189 147195 147294
 147295 147326 147346 147384 147385 147555 148111 148177
 148601 148602 148619

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 150320. Genelec Limited of Hindlight House, Subhash Road, Jodeshwari (East), Bombay-400060, Maharashtra. "Tubelight Fixture". January 28, 1981.

Class. 1. No. 150401. Compref N.V. of Paulus Potterstraat 12, Amsterdam 1071 CZ, the Netherlands. "Physical Exercise Device". Priority date 14th August, 1980.

Class. 1. No. 150481. Applied Electronics Limited of Aplab House, A-5/6, Wagle Industrial Estate, Thane 400604, Maharashtra, India. "Metal Decoration Piece for cabinets". February 27, 1981.

Class. 1. No. 150482. Applied Electronics Limited of Aplab House, A-5/6, Wagle Industrial Estate, Thane 400604, Maharashtra, India. "Metal Decoration Piece for cabinets". February 27, 1981.

Class. 1. No. 150483. Applied Electronics Limited of Aplab House, A-5/6, Wagle Industrial Estate, Thane 400604, Maharashtra, India. "Metal Decoration Piece for cabinets". February 27, 1981.

- Class. 1. No. 150507. Canara Industries, a partnership firm of Bata Compound, Khopat, Pokhran Road No. 1, Thane 400601, Maharashtra, India. "Flood Light". March 7, 1981.
- Class. 1. No. 150600. Bharat Stove & Light House or Aladdin Lamps India of Chowk Bazar, Roorkee, Uttar Pradesh, India. "Lamp". March 24, 1981.
- Class. 1. No. 150683. Ramaprasad Datta, 19, Serpentine Lane, Calcutta-14, West Bengal, India. "Mixer machine for chocolate, vitamin, chilly, tea leaves". April 18, 1981.
- Class. 1. No. 150687. Rajkamal Trading Corporation of 5-A, Jaya Mahal, 1st floor, 20/48, Lohar Chawl, Bombay-400002, Maharashtra, an Indian Partnership Firm. "Decorative Lamp Assembly". April 18, 1981.
- Class. 1. No. 150722. Dalip Kumar Cuopra, Stationery House, 2663, Gali Arya Samaj, Bazar Sitaram, Delhi-110006, an Indian National. "Punching Machine". May 4, 1981.
- Class. 1. No. 150793. R. R. Sales Corporation of 168-Gopal Nagar, Hapur Road, Ghaziabad, Uttar Pradesh, India, an Indian Partnership Firm. "Circle cutting machine". May 22, 1981.
- Class. 1. No. 150805. Paris Glass Industries, a proprietary firm of 701, Sheesh Mahal, Azad Market, Delhi-110006, "Mirror with stand". May 25, 1981.
- Class. 1. No. 150813. Kimms Corporation of 54, Industrial Estate, Poona Nagar Road, Ahmednagar-414001, Maharashtra, an Indian Partnership Firm. "Coolant Pump". May 26, 1981.
- Class. 1. No. 150823. Wajidsons Exports of Wajid House, Prince Road, Moradabad, Uttar Pradesh, an Indian Partnership Firm. "Container". May 29, 1981.
- Class. 1. No. 150839. Figurette Private Limited of 75, Nehru Road, Behind Centaur Hotel, Vile Parle (East), Bombay-400099, Maharashtra, India. "A Square Shaped Geyser". June 2, 1981.
- Class. 1. No. 150843. Figurette Private Limited of 75, Nehru Road, Behind Centaur Hotel, Vile Parle (East), Bombay-400099, Maharashtra, India. "Oval Shaped Geyser". June 2, 1981.
- Class. 1. No. 150879. Mekaster Tools of 138, Bhagat Singh Market, New Delhi-110001, India, a proprietorship concern. "Industrial Socket". June 8, 1981.
- Class. 1. No. 150991. Raj Industries of 7701-Qasab Pura, Sadar Bazar, Delhi-110006, an Indian Partnership Firm. "Toy Bus". July 13, 1981.
- Class. 1. No. 150817. Electro photonics India Private Limited, an Indian Company of 15, Sundarnagar, Erragadda, Hyderabad-500038, Andhra Pradesh, India. "Projector". May 28, 1981.
- Class. 1. No. 150877. K.A.S. Oberoi of 15/33 West Patel Nagar, New Delhi-110008, India, an Indian National. "Portable Acetylene Gas Generator & Brazing Torch". June 8, 1981.
- Class. 1. No. 150880. Mekaster Tools of 138, Bhagat Singh Market, New Delhi-110001, India, a proprietorship concern. "Impact socket". June 8, 1981.
- Class. 1. No. 150881. Mekaster Tools of 138, Bhagat Singh Market, New Delhi-110001, India, a proprietorship concern. "Reversible Ratchet". June 8, 1981.
- Class. 1. No. 150927. Ivanko Barbell Company, a California Corporation of 1417-8th street, San Pedro, California 90732, U.S.A. "Dumbbell". June 20, 1981.
- Class. 1. No. 150929. Rajesh Hardware Store of 3489, Bajrang Bali Street, Chawri Bazar, Delhi-110006, an Indian Partnership Concern. "Single Wheel Glass Runner". June 20, 1981.
- Class. 1. No. 150934. Sunkist Growers, Inc., a California Company of 14130 Riverside Drive, Sherman Oaks, State of California, U.S.A. "Bag Filling Device". June 24, 1981.
- Class. 1. No. 150956. Raj Industries of 7701-Qasab Pura, Sadar Bazar, Delhi-110006, a partnership firm. "Toy Bus". June 30, 1981.
- Class. 1. No. 150974. Rajesh Hardware Store of 3489, Bajrang Bali Street, Chawri Bazar, Delhi-110006, an Indian Partnership Firm. "Cording Set". July 7, 1981.
- Class. 1. No. 150987. Sri Venkateswara Industries, a proprietary firm of No. 3, Nainiappa Garden 6th Lane, Old Washermenpet, Madras-600021, Tamil Nadu. "Table Fan". July 10, 1981.
- Class. 1. No. 151004. Khalsa Engineering & General Industries, a partnership firm of Kot Mit Singh, Tarn Taran Road, Amritsar-143001 (Punjab), India. "Surface-grinder-machine". July 17, 1981.
- Class. 1. No. 151014. Automats (India) of 2-A, Sindhu House, Nanabhai Lane, Fort, Bombay-400001, Maharashtra, an Indian Partnership Firm. "Single Blower with on & off switch". July 21, 1981.
- Class. 1. No. 151015. Automats (India) of 2-A, Sindhu House, Nanabhai Lane, Fort, Bombay-400001, Maharashtra, an Indian Partnership Firm. "Hand Dryer". July 21, 1981.
- Class. 1. No. 151016. Ghinmoy Roy Chowdhury of P-119, Senhati, Behala, Calcutta-700034, West Bengal. "Emergency Tube Light". July 22, 1981.
- Class. 1. No. 151041. Sarwan Singh & Sons, a partnership firm of Roti Bridge, Nabha 147201, Dist. Patiala. "Harvester Combine". July 27, 1981.
- Class. 1. No. 151044. Automats (India) of 2-A, Sindhu House, Nanabhai Lane, Fort, Bombay-400001, Maharashtra, Indian Partnership Firm. "Hand Dryer". July 28, 1981.
- Class. 1. No. 151053. Gulati Stationary Store, Indian partnership firm of 5425, New Market, Sadar Bazar, Delhi-110006. "Call bell". July 31, 1981.
- Class. 1. No. 151079. Bansi Lal & Sons of 7/211, Geeta Colony, Delhi-110031, Indian proprietary firm. "Kerosine stove". August 10, 1981.
- Class. 1. No. 151112. Interdica S.A., a Swiss Company of Moncor, Routs des Biches, CH-1752 Villars-Sur-Glane, Switzerland. "A bottle for perfume". August 22, 1981.
- Class. 1. No. 151113. Interdica S.A., a Swiss Company of Moncor, Routs des Biches, CH-1752 Villars-Sur-Glane, Switzerland. "A bottle for perfume". August 22, 1981.
- Class. 1. No. 151159. Shree S. B. Industries of 217, Surat Trade House, 2nd floor, Unapani Road, Surat 395003, Gujarat, an Indian Partnership Firm. "Hot Plate". September 19, 1981.
- Class. 1. No. 151171. Standard Caplock Company of 189, Chhatta Lal Mian, Near Delhi Cinema, Delhi. "P.T. Cap Lock". September 22, 1981.

Class. 1. No. 151201. Barsat Industries of 3816, Charkhewalan, Chawri Bazar, Delhi-110016, Indian Partnership Firm. "Ladder Step". October 3, 1981.

Class. 1. No. 151237. Kirti Stove Manufacturing Company of 43, Memonwada Road, 1st floor, Opp : Mandvi Telephone Exchange, Bombay-400003, Maharashtra, Indian sole proprietary firm. "Lantern". October 17, 1981.

Class. 1. No. 151258. Zenith Metal Industries of 2-A, Ali Umar Street, Null Bazar, Bombay-400003, Maharashtra, an Indian Partnership Firm. "Drawer Gliders". October 20, 1981.

Class. 1. No. 151260. Vijay Industries of 84, Vijaykar Wadi, Rabiya Cottage, S V. Road, Malad West Bombay 400064, Maharashtra, Indian Proprietary Firm. "Watch Strap". October 20, 1981.

Class. 1. No. 151355. Jay Industries of A-67/2, G. T. Karnal Road, Delhi-33, Indian Partnership Concern. "Ignition coil". November 23, 1981.

Class. 1. No. 151356. Jay Industries of A-67/2, G. T. Karnal Road, Delhi-110033, Indian Partnership Concern. "Ignition coil". November 23, 1981.

Class. 1. No. 151358. Jay Industries of A-67/2, G. T. Karnal Road, Delhi-33, Indian Partnership Concern. "Ignition Switches". November 23, 1981.

Class. 1. No. 151411. Mulraj Goculdas, an Indian National of 12 French Bridge, A. Rangnekar Marg, Bombay-400007, Maharashtra, India, "Chain Link". December 17, 1981.

Class. 1. No. 151411. Mulraj Goculdas, an Indian National of 12 French Bridge, A. Rangnekar Marg, Bombay-400007, Maharashtra, India, "Chain Link". December 17, 1981.

Class. 1. No. 151433. Vijay International Products of C-1/44, Ground Floor, Mallu Ganj, Delhi-110007, a proprietary firm. "Stove". December 26, 1981.

Class. 1. No. 151427. Popular Engineering Devices of 44, Yusuf Building, Mahatma Gandhi Road, Bombay, Maharashtra, India, Indian Partnership Firm. "Door Closures". December 26, 1981.

Class. 1. No. 151445. Matchless Industries of 70-Muftiwara, Meerut, U.P., India, Indian proprietary firm. "Bottle Openers". January 2, 1982.

S. VLDARAMAN,

Controller-General of Patents, Designs
and Trade Marks

